Substitute Form PTO (Modified)	ANS THE STATE OF T	MADE Patent	ortment of Commerce and Trademark Office

Information Disclosure Statement

	by A	Applic	ant	
(Usa	several	sheets	if necessa	LV)

(37 CFR §1.98(b))

Attorney's Docket No. 10449-032001	Application No. 09/748,506	
Applicant Koji Hayashi et al.		
Filing Date December 26, 2000	Group Art Unit 2653	

	U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate	
1ª	AA	4,860,272	08/1989	Nishikawa et al.	369	53.28		
Le	AB	6,269,059 B1	07/2001	Kuroda, et al.	369	47.28		
(cl	AC	6,522,608 B1	02/2003	Kuroda, Kazuo	369	47.28		
" XC	AD	6,775,211 B1	08/2004	Tsukihashi, Akira	369	47-28		

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID d	Number	Date	Patent Office	Class	Subclass	Yes	No
	AF							
					1			

Other Documents (include Author, Title, Date, and Place of Publication)				
Examiner Initial	Desig. ID	Document		
	AF			

Examiner Signature	Date Considered
EXAMINER! Initials citation considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include copy of this form with

Substitute Disclosure Form (PTO-1449)

	_	_	
Sheet	1	of	1
DHOOL		O.	

m PTO-1449

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 10449-032001

Application No. 09/748,506

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant

Koji Hayashi et al.

Filing Date December 26, 2000 Group Art Unit 2653

Substitute Disclosure Form (PTO-1449)

(37 CFR §1.98(b))

U.S. Patent Documents Examiner Desig. Document **Publication** Filing Date Number Date Patentee **Subclass** If Appropriate Initial ID 6,587,416 07/01/03 Tsukihashi AAAΒ AC AD ΑE AF AG AΗ ΑI ΑJ ΑK

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	ΑP							

	Other Do	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
Initial	ID	Document
	AQ	
	AR '	
	AS	
	АТ	

Examiner Signature	Date Considered
Vin Chn	11/29/05
EXAMINER: Initials citation considered. Draw line through citation if no	it in conformance and not considered. Include copy of this form with
next communication to applicant	•

Substitute Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. Application No. 10449-032001 09/748,506		
	closure Statement	Applicant Koji Hayashi et al.		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date December 26, 2000	Group Art Unit 2653	

				U.S. Pate	ent Documents			
	Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	W	AA	6,570,832	05/27/03	Yamamoto	369	59.25	
	TPE	AB						
	.	AC						
	NEC 1 7 2004	a AD						
8		AE						
R	A DEMARK	AF			:			
		AG						
		AH						
		ΑI						
i		AJ						
		AK						

	Foreign	n Patent Doc	uments or Pu	blished Foreign	Patent A	Application	าร	
Examiner	Desig.	Document	Publication	Country or			Trans	lation
Initial	ID di	Number	Date	Patent Office	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

	Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document						
	AQ							
	AR							
	AS							
	AT							

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	t in conformance and not considered. Include copy of this form with
	Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449
U.S. Department of Commerce Patent and Trademark Office

Ormation Disclosure Statement

by Applicant

(Use several sheets if necessary)

) }	Attorney's Docket No. Application No. 10449-032001 09/748,506				
	Applicant Koji Hayashi et al.				
	Filing Date December 26, 2000	Group Art Unit 2653			

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
le	AA	5,317,553	05/31/94	Ohga et al.	369	53.18	

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner	Desig.	Document	Publication	Country or			Trans	slation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
ju	AB	4-103079	04/06/92	Japan (corresponds to U.S. 5,317,553, enclosed)				

	Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document						
1cc	AC	Abstract for Japanese Patent No. JP1312736, Publication Date December 18, 1989, Title: Optical Disk Device and Optical Disk						
re	AD	Abstract for Japanese Patent No. JP3260958, Publication Date: November 20, 1991, Title: Optical Disk Device						
pe	AE	Abstract for Japanese Patent No. JP6076401, Publication Date: March 18, 1994, Title: Magneto-Optical Recording Method for Magneto-Optical Disk of Large Heat Time Constant, Recording Device and Magneto-Optical Disk						
ju	AF	Abstract for Japanese Patent No. JP6162511, Publication Date: June 10, 1994, Title: Recording Method for Optical Disk Employing Draw Type Disk Recording Device						
ki	AG	Abstract for Japanese Patent No. JP10241165, Publication Date: September 11, 1998, Title: Pulse Generating Circuit and Optical Disc Driver						

RECEIVED

MAR 1 6 2004

Technology Center 2600

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and ript considered. Include copy of this form with

Form PTO-1449

(37 CFR §1.98(b))

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 10449-032001

Application No. 09/748,506

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Koji Hayashi et al.

Filing Date

December 26, 2000

Group Art Unit 2653

	U.S. Patent Documents						
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
lu	AA	6,693,857	02/17/2004	Willis	369	30.23	
ye	AB	6,594,213	07/15/2003	Hayashi	369	47.34	
Er	AC	6,538,962	03/25/2003	Hyun	369	30.23	/
(xc	AD	6,272,084	08/07/2001	Maeda	369	47.34	
W	AE	6,219,309	04/17/2001	Kuroda et al.	369	30.23	
Le	AF	5,831,955	11/03/1998	Arataki et al.	369	4432	
(u	AG	5,680,379	10/21/1997	Ishida et al.	368	47.33	
(42.	AH	5,586,093	12/17/1996	Honda et al.	7/9	67 12	

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
ke	AI	0 507 571	10/07/1992	Europe				

(Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner	Desig.							
Initial	ID	Document						
	AJ							
L	L							

Examiner Signature	Date Considered ,
Kim Gun	1 29/05
EXAMINER: Initials citation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with

next communication to applicant.

Sheet	1	of	1

Surfetitute Form PTO-1449 (Modiffed)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-032001	Application No. 09/748,506
hv /	sclosure Statement	Applicant Koji Hayashi et al.	
(Use several sh	eets if necessary)	Filing Date December 26, 2000	Group Art Unit 2653

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
: 4	AA	6,198,707	03/06/01	Yamamoto	369	47.25	

	Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans FYes	lation	
JCC	AB	1-312736	12/18/1989	Japan		/	Partial		
ke	AC	5-282696	10/29/93	Japan			Partial		
	AD								
	AE								
	AF			12					

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
Initial	D	Document
	AO	

Examiner Signature Date Considered EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

orm PTO-1449

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 10449-032001

Application No. 09/748,506

Information Disclosure Statement by Applicant (Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant Koji Hayashi et al.

Filing Date

December 26, 2000

Group Art Unit 2653

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
KL	AA	6,704,387 B1	03/09/04	Lin	377	33	
	AB						
	AC					-	
	AD						
	AE						
	AF						
	AG						
	AH						
	ΑI						
	AJ						
	AK						

	Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	lation	
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No	
	-AL								
	AM								
	AN					- · - · - · · · · · · · · · · · · · · ·			
	AO							-	
	AP								

	Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner Initial	Desig. ID	Document				
	AQ					
	AR					
	AS					
	AT					

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if no	ot in conformance and not considered. Include copy of this form with
next communication to applicant.	